



# Shoulder Arthroplasty

**Stephen Fealy, John W.  
Sperling, Russell F. Warren, Edward V.  
Craig**

## **Shoulder Arthroplasty:**

Shoulder Arthroplasty Joseph D. Zuckerman, 2021-06-18 Covering every aspect of shoulder arthroplasty from initial assessment to comprehensive postoperative rehabilitation *Shoulder Arthroplasty Principles and Practice* provides highly illustrated authoritative guidance on the fastest growing arthroplasty procedure Dr Joseph Zuckerman former president of the American Shoulder and Elbow Surgeons and the American Academy of Orthopaedic Surgeons has assembled a team of world renowned contributing authors who clearly explain and demonstrate in print and in video the techniques they utilize to achieve successful outcomes This one stop reference is an ideal resource for surgeons at all levels of experience who wish to further enhance their ability to perform shoulder replacement      **Shoulder Arthroplasty** Stephen Fealy, John W.

Sperling, Russell F. Warren, Edward V. Craig, 2011-01-01 State of the art techniques for shoulder replacement surgery *Shoulder Arthroplasty Complex Issues in the Primary and Revision Setting* assembles the clinical knowledge of leading orthopedic surgeons treating patients with arthritic shoulders The book presents practical approaches to surgically managing each type of arthritis the challenges of revision surgery and related complications during and following surgery Chapters provide thorough descriptions of the physical examination imaging diagnosis indications surgical treatment nonoperative treatments therapeutic options and outcomes Features Comprehensive discussion addressing everything from the latest techniques for arthroplasty to alternatives to total shoulder replacement Recommendations about how to avoid and manage common complications including infection nonunion malunion instability aseptic loosening and soft tissue complications such as rotator cuff tears impingement syndromes and lesions Important coverage on the treatment of young arthritic patients This book is an essential reference for orthopedic surgeons general surgeons and residents in these specialties      *Shoulder Arthroplasty* Gilles Walch, Pascal Boileau, 2012-12-06 Success in shoulder arthroplastic surgery is not necessarily dependent only on the principle of construction of a prosthetic device nor on the way this device is implanted or fixed to the bony interface but more so on the understanding and handling of the soft tissues surrounding the articulation Based on their experience in basic anatomy and function the editors of this book were able to develop a prosthetic device which can take into account individual anatomical variations in each patient making a successful outcome of surgery much more predictable This must have for any shoulder surgeon not only informs on the current state of the art but also provides an understanding of what advances can be achieved with innovative thinking in the field of orthopaedic surgery      **Revision and Complex**

**Shoulder Arthroplasty** Robert Hahn Cofield, John W. Sperling, 2010 Written by an international group of renowned shoulder surgeons this book is the most comprehensive current reference devoted to revision and complex shoulder arthroplasty The first section thoroughly explains the circumstances under which implants can fail and the details involved in assessing the problems in failed shoulder arthroplasty The second section describes techniques for revision shoulder arthroplasty including techniques for both anatomic reconstruction and reverse arthroplasty and the role of arthroscopy in revision surgery The

third section focuses on specific issues for various specialized types of shoulder reconstruction requiring prosthetic arthroplasty More than 400 illustrations complement the text      **Shoulder Arthroplasty** Gazi Huri,Filippo Familiari,Young Lae Moon,Mahmut Nedim Doral,Giulio Maria Marcheggiani Muccioli,2019-10-10 This book describes and evaluates techniques and devices used in shoulder arthroplasty with a view to enabling readers to improve their surgical practice After an opening section on basic knowledge including surgical anatomy key issues in total shoulder arthroplasty and reverse total shoulder arthroplasty RTSA are considered in detail Among the topics covered are biomechanics cemented versus cementless humeral fixation the comparative merits of humeral components featuring short stem and stemless designs and of pegged and keeled glenoid components the influence of humeral inclination in RTSA and the avoidance and management of unstable RTSA An entire section is then devoted to the description and illustration of valuable surgical tips and tricks Arthroplasty for acute proximal humerus fractures is considered separately again addressing important aspects of technique and current controversies The book is an outcome of a workshop held by the international Shoulder Club formed at Hacettepe University in Ankara in 2015 with the aim of bringing together leading authorities in the field and young orthopedic surgeons and students from across the world in order to disseminate expertise and exchange ideas      *Reverse Shoulder Arthroplasty* Stefano Gumina,Federico Alberto Grassi,Paolo Paladini,2018-11-29 This handbook fully investigates reverse shoulder arthroplasty RSA presenting all the recent advances in the field to enable shoulder surgeons to treat patients with complex conditions such as rotator cuff tears and instability failed surgery and combined arthritis or proximal humerus neoplasia Reverse shoulder arthroplasty is becoming increasingly common because conventional total shoulder replacement may cause pain loss of strength simple or complex disabilities as well as limited motion reducing general quality of life The goal of a reverse prosthesis is to restore a painless biomechanically valid joint Drawing on the results of recent studies the book covers all relevant aspects of RSA including basic science pathogenesis clinical and instrumental evaluation surgical techniques and complication management helping readers to better understand when and how reverse shoulder arthroplasty should be implanted and what to do in cases of poor results Written by leading shoulder specialists the book provides surgeons and rehabilitation specialists as well as residents and shoulder fellows with a valuable state of the art guide for clinical practice      Reverse Shoulder Arthroplasty Mark Frankle,Scott Marberry,Derek Pupello,2015-10-20 Focusing exclusively on reverse shoulder arthroplasty RSA techniques and devices this plentifully illustrated text covers all aspects of this important and innovative treatment for shoulder pain and dysfunction The book begins with a history of RSA followed by a thorough overview of the basic science and biomechanics of the shoulder Indications for and clinical applications of RSA in a number of surgical interventions are then described including the revision of failed shoulder arthroplasty setting in cases of glenoid and humeral bone loss and rotator cuff tears A whole section is then dedicated to various commercial devices with descriptive expert analysis of the design and implementation of each An examination of the current economic value of RSA

including cost effectiveness and expected cost outcomes comprises the final section Reverse Shoulder Arthroplasty can therefore be read either from start to finish allowing orthopedic surgeons to appreciate the various perspectives offered or by selecting specific topics of interest much like a how to manual of either a particular device design or the treatment of a specific pathology

*Shoulder Arthroplasty E-Book* T. Bradley Edwards, Brent J. Morris, 2018-02-05 Focusing on all key aspects of shoulder replacement surgery and emphasizing on the latest techniques and tools Shoulder Arthroplasty 2nd Edition brings you expert procedural approaches from two master surgeons in the field Drs T Bradley Edwards and Brent J Morris Extensively illustrated this technique intensive reference provides step by step guidance on the most effective approaches to patients in everyday practice including the variations and complications that surgeons invariably encounter Focused concise coverage includes indications and contraindications preoperative planning and imaging results and complications and more Discusses preoperative planning step by step surgical techniques and outcomes presenting tried and true methods for complex surgeries from experienced practitioners Emphasizes results complications and postoperative rehabilitation Includes a new chapter on Stemless Shoulder Arthroplasty and new discussions of convertible implants preoperative planning software press fit implants and glenoid reconstruction techniques Highlights new techniques devices and implants throughout and includes the latest outcome data for specific conditions and procedures Features superb intraoperative photographs and line drawings as well as accompanying videos for dynamic clarification all updated to offer the latest visual guidance in the field Provides a uniform consistent approach to all aspects of shoulder arthroplasty including pearls from the expert author team of T Bradley Edwards and Brent J Morris Expert Consult™ eBook version included with purchase This enhanced eBook experience allows you to search all of the text figures and references from the book on a variety of devices

*Complex and Revision Shoulder Arthroplasty* Robert Z. Tashjian, 2019-02-09 This practical text presents the most up to date information on the evaluation and management of all aspects of complex and revision shoulder arthroplasty divided into three thematic section Chapters in part I focus on the diagnosis and management of complex primary shoulder arthroplasty including evaluation of humeral and glenoid bone deformity computer assisted surgical planning stemless arthroplasty anatomic and reverse TSA for severe glenoid erosion post traumatic sequelae and deltoid deficiency The next section describes the diagnosis and management of failed replacements including hemiarthroplasty anatomic and reverse total shoulder arthroplasty These chapters will focus on the initial evaluation and management including imaging laboratory work up and the role of biopsies covering the diagnosis and revision of a failed hemiarthroplasty diagnosis and revision of a failed total shoulder arthroplasty diagnosis and management of the failed reverse shoulder arthroplasty management of the unstable TSA or RSA diagnosis and management of the infected arthroplasty treatment of periprosthetic fractures salvage options resection and arthrodesis for failed arthroplasty Part III presents specific surgical techniques utilized during revision shoulder arthroplasty including surgical exposure removal

techniques for failed humeral components revision of glenoid and humeral defects with bone grafts and augments and the role of arthroscopic procedures Utilizing the best clinical evidence Complex and Revision Shoulder Arthroplasty is an excellent resource for orthopedic and shoulder surgeons residents and fellows as well as sports medicine specialists and related professionals

**Shoulder Arthroplasty E-Book** Gary M. Gartsman,T. Bradley Edwards,2008-10-06 Here is a technique intensive textbook of shoulder arthroplasty detailing how to handle all relevant aspects of shoulder replacement surgery Distinguished shoulder surgeons Gary M Gartsman author of the well received Shoulder Arthroscopy and T Bradley Edwards provide step by step details for each category of shoulder arthroplasty covering indications and contraindications pre operative planning and imaging results and complications and more Copious color intraoperative photographs and illustrations make this book one that all shoulder surgeons need to have at hand Presents the personal techniques of two master surgeons to give you the benefit of an authoritative approach to challenging surgeries as well as a consistent tone throughout the book Covers pre operative planning and surgical techniques in meticulous detail including Glenoid Component Reduction Deltoid Tensioning Humeral Surface Replacement and Biological Glenoid Resurfacing Emphasizes results complications and the important topic of post operative orthosis and rehabilitation to provide a timely focus on outcomes a rapidly growing trend in orthopaedic surgery Features intraoperative photographs accompanied by line drawings for added clarification of the procedures Organizes material in a consistent structured format for easier use of the text as a technical reference

**Reverse Shoulder Arthroplasty** David M. Dines,Joshua Dines,T Bradley Edwards,2017-10-08 The definitive book on reverse shoulder arthroplasty from leading orthopaedic shoulder surgeons This masterful book from top experts provides clinical insights on reverse shoulder arthroplasty gleaned from hands on refinement of shoulder replacement techniques Years of significant biomechanical and clinical research yielded invaluable knowledge that led to important improvements in functional outcome and implant durability Among these refinements were stronger polyethylene derivatives better ingrowth technology and improved connection devices As the durability and longevity of implant technology increased younger active patients became suitable candidates for this procedure In fact RSA has played a pivotal role in making shoulder arthroplasty the fastest growing implant technology In the first two sections the authors take the reader through the history and evolution of RSA followed by step by step surgical techniques for specific injuries and conditions The next three sections discuss past and recent outcomes complications and rehabilitation The last section covers special considerations including patient specific instrumentation convertible humeral and glenoid components and the future potential of stemless humeral technology Key Features The latest trends in patient specific components guide systems and instrument design The use of RSA for rotator cuff repair shoulder arthritis and acute and complex fractures In depth discussion of techniques to improve deltoid function avoid impingement and increase implant longevity Clinical pearls on how to recognize and handle complications that occur instability infection scapular notching component loosening glenoid

and humeral bone loss and RSA failure High quality videos and 300 superb illustrations further delineate techniques This book is a practical resource that enables learning complex procedures putting them into practice and handling complications should they arise It is an essential tool for all orthopaedic surgeons who treat shoulder conditions     **Shoulder**

**Arthroplasty** Louis U. Bigliani, 2005-03-25 A practical and richly illustrated step by step guide to successfully performing shoulder arthroplasty The comprehensive text covers various topics and also provides specific examples of complications and how to avoid and correct them     Revision Shoulder Arthroplasty Francesco Franceschi, George S. Athwal, Alexandre

Lädermann, Edoardo Giovannetti de Sanctis, 2024-02-20 Filling an unmet need this book covers all relevant aspects of Revision Shoulder Arthroplasty Edited by internationally renowned experts in the field it offers the reader solid theoretical and practical knowledge to address this complex surgical procedure The chapters are grouped into seven sections each addressing a macro topic arthroplasty failure pre operative planning and operative techniques the failed glenoid and humerus infections instability and soft tissue management and surgical outcomes This book offers a timely and up to date resource for shoulder surgeons wishing to deepen their knowledge of this complex and challenging procedure     Anatomic Shoulder Arthroplasty April D. Armstrong, Anand M. Murthi, 2016-07-08 Opening with a discussion of the indications and pre operative evaluation of the arthritic shoulder and a review of the anatomy and biomechanics of the shoulder this comprehensive clinical guide to anatomic shoulder arthroplasty then proceeds to describe the various types of prosthetics and management techniques used in this common surgical procedure Humeral head resurfacing is described along with stemmed and stemless replacements followed by the anatomy and biomechanics of the glenoid using both standard and augmented replacement Interposition shoulder arthroplasty revision total shoulder arthroplasty and hemiarthroplasty of the proximal humerus are likewise elaborated Additional chapters on complications infection periprosthetic fracture subscapularis insufficiency and instability and rehabilitation techniques round out the presentation Anatomic Shoulder Arthroplasty em is an excellent resource for orthopaedic and shoulder surgeons and sports medicine practitioners both new and veteran     **Disorders of the Shoulder** Joseph P. Iannotti, Gerald R. Williams, 2007 Now includes a brand new

companion Website The Iannotti management of bone and soft tissue loss in revision arthroplasty minimally invasive techniques for proximal humeral fractures hemiarthroplasty for proximal humeral fractures and suprascapular and axillary nerve injuries All clinical chapters include treatment algorithms and the authors preferred treatment More than 2 400 illustrations 743 in full color complement the text The new companion Website The Iannotti Williams Solution gives you instant access to the fully searchable text an Image Bank featured clinical cases and the Gaining Speed and Tricks of the Trade chapter of Burkhart s View of the Shoulder A Cowboy s Guide to Advanced Shoulder Arthroscopy     The Shoulder Charles A. Rockwood, 2009-01-01 DVD     *Shoulder and Elbow Arthroplasty* Gerald R. Williams, 2005 Written by the world s foremost shoulder and elbow surgeons this volume is the most comprehensive current reference on shoulder and elbow

arthroplasty The book provides state of the art information on implant design and detailed guidelines including treatment algorithms on specific arthroplasty procedures for arthritis fractures chronic dislocations and other disorders More than 400 illustrations complement the text Each main section shoulder arthroplasty and elbow arthroplasty has three subsections implant considerations technical considerations and disease specific considerations Disease specific chapters cover surgical anatomy pathophysiology preoperative evaluation indications for surgery implant choices surgical techniques and postoperative rehabilitation Also included are chapters on complications revision arthroplasty arthroplasty with bone loss and limb salvage and alternatives to replacement arthroplasty Every chapter includes a Chapter at a Glance summary for easy review of the chapter content

**Complications of Shoulder Surgery** Thomas J. Gill, Richard J. Hawkins, 2006 Written by internationally recognized master surgeons this book is a comprehensive practical guide to prevention diagnosis and management of complications in shoulder surgery Major sections focus on open and arthroscopic surgery and each section includes chapters on specific procedures such as surgery for anterior shoulder instability surgery for posterior multidirectional instability rotator cuff repair arthroplasty fracture management arthrodesis subacromial decompression acromioclavicular joint resection and thermal capsulorrhaphy For each procedure the authors discuss the full range of potential complications and present their preferred approaches to prevention diagnosis and treatment of these problems More than 200 illustrations complement the text

**Complex and Revision Problems in Shoulder Surgery** Jon J. P. Warner, Joseph P. Iannotti, Evan L. Flatow, 2005 Written by the world's leading shoulder surgeons this volume offers much needed guidance on managing complex and revision problems that cannot be solved by standard treatment formulas The authors present successful approaches with illustrative case examples emphasizing avoidance of common pitfalls and management of complications This edition has a greater focus on arthroscopic procedures and includes full color arthroscopic images New chapters cover arthroscopic rotator cuff reconstruction idiopathic and diabetic stiff shoulder alternatives to arthroplasty and the failed arthroplasty The thoroughly revised fractures section includes new information on two three and four part fractures and AC SC fractures This edition contains over 800 illustrations

*The Shoulder* Edward V. Craig, 2004 This highly acclaimed volume of the Master Techniques in Orthopaedic Surgery series is now in its Second Edition greatly expanded and completely revised to reflect the latest improvements in surgical technique The world's foremost shoulder surgeons describe their preferred techniques in step by step detail explain the indications and contraindications identify pitfalls and potential complications and offer pearls and tips for improving results The book is thoroughly illustrated with full color sequential surgeon's eye view intraoperative photographs as well as drawings by noted medical illustrators The Second Edition provides thorough updates on all surgical techniques and highlights recent advances in arthroscopic treatment of the shoulder New chapters cover latissimus dorsi transfers in rotator cuff reconstructions surgical treatment of sternoclavicular injuries revision surgery in total shoulder replacement managing soft tissue

deficiencies in total shoulder replacement arthroscopic repair of rotator cuff arthroscopic thermal stabilization arthroscopic capsular release for the stiff shoulder arthroscopic calcium excision and open and arthroscopic debridement of full thickness rotator cuff tears This edition includes many new contributing authors and new illustrations

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